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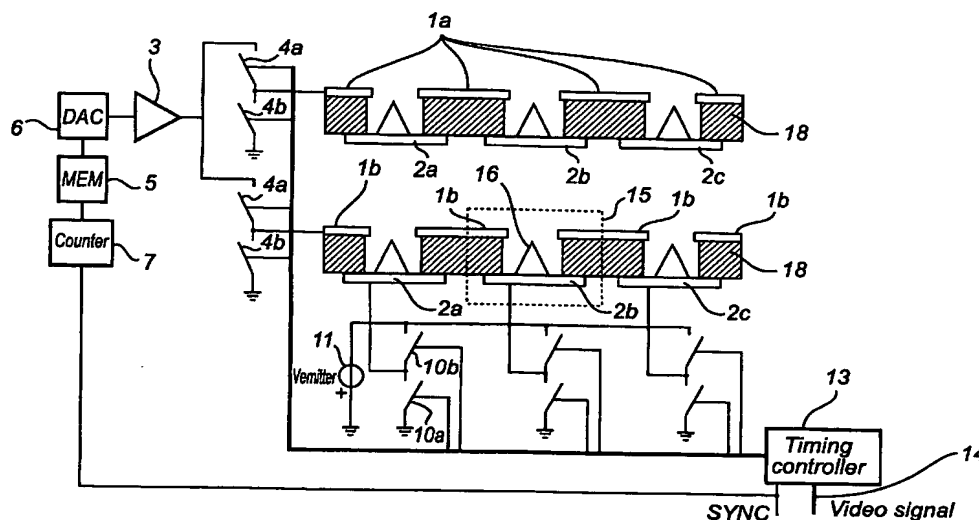
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(54) Title: LINE-AT-A-TIME ADDRESSED DISPLAY AND DRIVE METHOD



(57) Abstract: A display device having a set of non-pixel-selective electrodes (1a, 1b) and a set of pixel-selective electrodes (2a, 2b, 2c), so that pixels (15) are defined by intersections of said electrodes. The display further comprises means (3, 4a, 4b, 5, 6, 7) for applying an amplitude modulated (AM) signal to a non-pixel-selective electrode (1a, 1b), and means (10a, 10b, 11, 13) for applying a pulse width modulated (PWM) signal to a pixel-selective electrode (2a, 2b, 2c). The voltage difference between the electrodes defines the light intensity which can be emitted, and the available intensity varies in time according to the AM signal. The width of the pulse on the pixel-selective electrode represents the duration of light emission, and thus the gray level of the corresponding pixel. The combination of the two generates an exponentially distributed emitted light intensity, enabling gamma correction.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G09G3/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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☒ Patent family members are listed in annex.

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